



2123 #9 BT 12-05-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Applicants: : Arnulf Simmon and Brett Donahue

Serial No. : 09/821,761

Filing Date : March 29, 2001

Title of Invention : HANDHELD PORTABLE DATA TERMINAL
HAVING AN INTEGRATED CODE READER FOR
DATA ENTRY

Examiner : not yet assigned

Group Art Unit : 2123

Attorney Docket No. : 108-102USANCO

Honorable Commissioner of Patents
and Trademarks
Washington, DC 20231

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Group 2100

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97

Sir:

In order to fulfill Applicants' continuing obligation of candor and good faith as set forth in 37 C.F.R. 1.56, Applicants submit herewith an Information Disclosure Statement prepared in accordance with 37 C.F.R Sections 1.97, 1.98 and 1.99.

The disclosures enclosed herewith are as follows:

U.S. PUBLICATIONS

<u>NUMBER</u>	<u>FILING DATE</u>	<u>TITLE</u>
5,428,417	August 2, 1993	VISUAL LECTURE AID
5,386,219	July 28, 1993	TOUCH OVERLAY FOR IMPROVED TOUCH SENSITIVITY
5,227,614	December 15, 1989	CORE COMPUTER PROCESSOR MODULE, AND PERIPHERIAL SHELL MODULE ASSEMBLED TO FORM A POCKET SIZE DATA CAPTURE UNIT
5,133,076	June 12, 1989	HAND HELD COMPUTER
5,067,103	September 28, 1990	HAND HELD COMPUTERS WITH ALPHA KEYSTROKE
5,056,059	November 19, 1990	MEDICAL MONITORING SYSTEM INTERFACE

5,038,284	February 17, 1988	METHOD AND APPARATUS RELATING TO CONDUCTING TRADING TRANSACTIONS WITH PROTABLE TRADING STATIONS
5,031,119	June 12, 1989	SPLIT SCREEN KEYBOARD EMULATOR
4,916,441	September 19, 1988	PORTABLE HANDHELD TERMINAL
4,850,009	May 31, 1981	PORTABLE HANDHELD TERMINAL INCLUDING OPTICAL BAR CODE READER AND ELECTROMAGNETIC TRANSCIEVER MEANS FOR INTERACTIVE WIRELESS COMMUNICATION WITH A BASE COMMUNICATIONS STATION
4,835,372	July 24, 1987	PATIENT CARE SYSTEM
4,773,032	November 20, 1985	TERMINAL INPUT APPARATUS
4,763,356	December 11, 1986	TOUCH SCREEN FORM ENTRY SYSTEM
4,625,276	August 31, 1983	DATA LOGGING AND TRANSFER SYSTEM USING PORTABLE AND RESIDENT UNITS
4,621,189	October 8, 1985	HAND HELD DATA ENTRY APPARATUS
4,593,155	October 11, 1985	PORTABLE TELEPHONE ID CODE TRANSFER SYSTEM
4,578,571	November 14, 1983	PORTABLE BAR CODE SCANNING DEVICE AND METHOD
4,575,625	September 27, 1983	INTEGRAL HAND-HELD LASER SCANNER
4,570,057	August 6, 1984	INSTANT PORTABLE BAR CODE READER
4,569,421	September 22, 1983	RESTAURANT OR RETAIL VENDING FACILITY
4,503,288	August 31, 1981	INTELLIGENT TELEPHONE

4,491,725	September 29, 1982	MEDICAL INSURANCE VERIFICATION AND PROCESSING SYSTEM
4,486,624	September 15, 1980	MICROPROCESSOR CONTROLLED RADIOTELEPHONE TRANSCEIVER
4,471,165	October 28, 1980	PORTABLE KEYBOARD OPERATED TELECOMMUNICATIONS SYSTEM
4,456,793	June 9, 1982	CORDLESS TELEPHONE SYSTEM
4,409,470	January 25, 1982	NARROW-BODIED, SINGLE- AND TWIN-WINDOWED PORTABLE LASER SCANNING HEAD FOR READING BAR CODE SYMBOLS
4,408,120	February 26, 1981	BAR CODE SCANNER
4,279,021	February 15, 1979	PORTABLE DATA ENTRY APPARATUS INCLUDING PLURAL SELECTABLE FUNCTIONAL CONFIGURATIONS
4,251,798	May 31, 1978	PORTABLE LASER SCANNING ARRANGEMENT FOR AND METHOD OF EVALUATING AND VALIDATING BAR CODE SYMBOLS
4,224,615	September 14, 1978	METHOD OF USING A LIQUID CRYSTAL DISPLAY DEVICE AS A DATA INPUT DEVICE
4,210,802	July 12, 1978	BAR CODE SCANNER
4,143,417	October 21, 1976	PORTABLE DATA-GATHERING APPARATUS FORMED BY MODULAR COMPONENTS HAVING OPERATE-STANDBY MODES
4,121,574	April 11, 1977	METHOD AND APPARATUS FOR MEASURING AND RECORDING VITAL SIGNS OF A PATIENT
3,826,900	October 13, 1972	CORDLESS SCANNING PROBE

3,685,723

May 21, 1971

PHOTOELECTRIC MANUAL
READER FOR PRINTED CODED
TAGS

TECHNICAL PUBLICATIONS

"TERMINAL SUPPORT UNIT (TSU)" by CliniCom Inc., Boulder CO.

"THE BEDSIDE STORY" by CliniCom, Inc., Boulder CO.

"CLINIVIEW WITH TOUCHSCREEN" by CliniCom Inc., Boulder CO.

"BEDSIDE DATA SYSTEM AIDS PHARMACY" by Karen Gammon, R.P.H. , Kristi Robinson, R.P.H., Boulder Memorial Hospital, Boulder CO, pages 35-37.

"BEDSIDE MATTERS." by CliniCom Incorporated, Boulder CO.

"PEN OPERATING SYSTEMS" by Bruce Brown, PC Magazine, pages 172.

"KEYBOARD-BASED ORGANIZERS" by Jeff Greenberg, PC MAGAZINE, pages 166-167.

"MAINSTREAM PEN-BASED PORTABLES" by Don Crabb, PC MAGAZINE, pages 144-145.

"VERTICAL-MARKET PEN TABLETS" by Don Crabb, PC MAGAZINE, pages 157.

"PEN PALS" by Christopher Barr and Michael Neubarth, PC Magazine.

"CLINIVIEW" by CliniCom Inc., Boulder CO.

"POINT OF CARE TERMINAL" by CliniCom Inc., Boulder CO.

"BEDSIDE TERMINALS: CLINICOM" by Shirley Hughes, M.D. Computing, Vol. 5, No. 1.

"COST BENEFIT ANALYSIS OF THE CLINICARE HANDHELD TERMINAL SYSTEM" by Shirley Hughes, R.N., CliniCom Incorporated.

"QUALITATIVE & QUANTITATIVE BENEFITS OF THE CLINICARE BEDSIDE SYSTEM by CliniCom, Incorporated" by Ray Uhlorn, Shirley Hughes, Peter Gombrich, Mary Yero, CliniCom, Inc., Boulder CO.

"PATIENT INFORMATION AT THE POINT-OF-CARE" by CliniCom, Inc., Boulder CO.

"TRAVENOL LABORATORIES: A LEADER IN HIBC" by Peter C. Doyle, BAR CODE NEWS.

"BAR CODE FINDS IDENTITY AS USER INPUT ALTERNATIVE" by Ron Schneiderman, News Views.

"DATABAR " by Databar Corporation.

"BAR CODING FOR MEDICAL DEVICE LABELING" by Richard Fard, MG & DI.

"A UNIFORM LABELING SYSTEM FOR BLOOD SERVICES" by Richard C. Hubbell, M.S.P.; Richard K. Thatcher, Ph.D.; John B. Henry, M.D., Medical Instrumentation, Vol. 15, No. 1.

"AN INTEGRATED HOSPITAL COMPUTER SYSTEM" by B.A.W. Stobart, Poole, M. Solomon, Systems Technology, No. 30.

STATEMENT OF PERTINENCE

U.S. Patent No. 5,428,417 describes a projection device controlled by a small display-type touch panel.

U.S. Patent No. 5,386,219 describes a touch screen that is overlays the viewing surface of a display for detecting both finger touch and stylus location.

U.S. Patent No. 5,227,614 discloses a hand-held data capture terminal configured from multiple modules including a core computer processor module and a peripheral device shell (which may include a scanner module for reading bar codes, manual data entry and display means, digitizer input tablet and display means for touch data input, voice input module).

U.S. Patent No. 5,133,076 discloses a pen-based computer tablet comprising an LCD display overlaid by a resistive touch screen for data entry via stylus input. A keyboard is displayed on the bottom have of the display screen by a keyboard emulation program (KPEP). The KPEP monitors overlay controller for the presence of a keyboard display interaction that occurs when a user touches the stylus to the position of the character in the keyboard display. When a keyboard display interaction is detected, the pixel coordinates provided by the overlay controller are translated by the KPEP to a scan code representing the keystroke data indicated by the character contacted by the stylus.

U.S. Patent No. 5,067,103 describes an alphanumeric keyboard layout for a handheld computer that enables a large set of alphanumeric characters to be entered into the computer with a small number of key presses.

U.S. Patent No. 5,056,059 to Tivig et al. describes a medical monitoring system including a screen, keyboard and control processor. The keyboard includes softkeys (which do not have imprinted labels and have dynamically assigned meaning as displayed on the screen) and groups of hardkeys (which have imprinted labels), including a group of object keys and a group of immediate action keys. The control processor determines when a key press is an object hardkey (or not). If so, the control processor enters an object entry

mode (i.e., displaying an object menu and waiting for selection of an object by the user). The object menu is displayed as softkey labels, which can be selected by use of arrow keys or touchscreen input. Once an object is selected, the control processor transfers control to a task controller for the selected object, which displays a task menu and action menu on the screen. The system then waits for task or action selection, which is performed by various input means such as arrow keys and touch input screen. If a specific action is selected, the selected action is performed.

U.S. Patent No. 5,038,284 discloses a system for conducting trading transactions utilizing portable trading stations. The portable trading station includes multiple display screens and keypads associated therewith that enable traders to enter, store, display, etc. transaction data. Such transaction data is communicated via radio signals to a transceiver communication section, which is in wired communication with a central computer. The central computer sends back verification information to the traders, reconciles all trades in addition to other functions. In addition, the central computer is coupled to circuitry that provides for real time backup of all data.

U.S. Patent No. 5,031,119 discloses a system for providing keystroke data to an application program utilizing a keyboard emulator program (KPEP), which displays a keyboard representation on a display screen, and a touch screen for stylus input which overlays the display screen. Keys are selected by touching the touch screen at the graphic representation of the key on the display screen. The KPEP monitors overlay controller for the presence of a keyboard display interaction that occurs when a user touches the stylus to the position of the character in the keyboard display. When a keyboard display interaction is detected, the pixel coordinates provided by the overlay controller are translated by the KPEP to a scan code representing the keystroke data indicated by the character contacted by the stylus.

U.S. Patent No. 4,916,441 describes a portable handheld terminal for use in a patient care system. The terminal includes a microcomputer, user keys, a bar code reader, a liquid crystal display device and touch screen, and a wireless transmitter (such as an RF modem). The terminal resides, when not in use, in a base unit (at a nursing station or in a patient room). Patient information is stored in a centralized patient care data on a file server. Such information is communicated between the file server and terminal over i) a LAN link between the file server and a nursing application processor; ii) a data over voice modem link (or short haul modem or RS-422/232 serial link) between the nursing application processor and communication station (which is electrically connected to the base unit); and iii) a wireless link between the communication station and the terminal.

U.S. Patent No. 4,850,009 discloses a portable handheld terminal including a keypad, display, an optical bar code reader, and a wireless transceiver providing an wireless communication link to a base station.

U.S. Patent No. 4,835,373 describes a patient care system

utilizing a portable handheld patient terminal . The terminal includes a microcomputer, keypad, a bar code reader, a liquid crystal display device , and an RF transmitter. Patient information is stored in a centralized computer system. Such information is communicated between the computer system and terminal over i) a network link (such as Ethernet) between the central computer system and a DOV/MUX located in the hospital's telephone switching room; ii) a data over voice modem link (or RF link) between the DOV/MUX and a base station; and iii) an RF link between the base station and the terminal. In one embodiment, the portable handheld terminal incorporates a predetermined set of presentation screens as shown in Cols. 37 and 38. In addition, the patient care system may include a full screen monitor that communicates with the base station to provide for display of information.

U.S. Patent No. 4,773,032 discloses a hand-held terminal for data entry including a processor, keypad, and LCD screen and a holder that supports the hand-held terminal.

U.S. Patent No. 4,763,356 discloses a personal computer, display, touch screen, and form entry system integrated therewith.

U.S. Patent No. 4,625,276 discloses a system for transferring electronic funds data. The system includes portable modules each having a display and keyboard together with an optical interface that enables transfer of electronic funds data between optically-aligned portable modules. In addition, the transfer of electronic funds data can occur between remote portable modules over telephone lines through residence units. Transaction records are retained in memory within each module. The transaction records are periodically downloaded to a central computer. Other applications of the system include monitoring physiological data and monitoring radiation dosage.

U.S. Patent No. 4,621,189 discloses a hand held data entry apparatus including a microprocessor, keypad, display screen and optical scanning head.

U.S. Patent No. 4,593,155 discloses a wireless telephone communication system in which a portable unit communicates with a base unit over a wireless communication link. Access to the telephone network is permitted when the base unit and portable unit have corresponding ID codes stored therein.

U.S. Patent No. 4,578,571 discloses a portable bar code scanning device.

U.S. Patent No. 4,575,625 discloses a hand-held laser scanning device.

U.S. Patent No. 4,570,057 discloses a portable bar code reading unit.

U.S. Patent No. 4,569,421 discloses a vending system which includes a handheld portable data terminal having a keyboard,

display and memory storing a library of sales or menu items addressable by product code. Operator entered order entry is communicated to an order filling station. The portable data terminal may utilize a bar code reader for reading menu items.

U.S. Patent No. 4,503,288 discloses a microprocessor-based telephone that includes a hand set supporting conventional voice communication and a keyboard and one line display supporting the generation and display of outgoing and incoming data messages.

U.S. Patent 4,491,725 discloses a medical claim verification and processing system via access to a central brokerage computing system that maintains patient files, insurance carrier files and code conversion tables. A local service provider enters into a local terminal the medical and MEDICARD information services provided to the patient by using a patient service code and transmits this information to the central brokerage computer. The central brokerage computer converts the patient service code into a particular service code for the patient's insurance carrier using the code conversion tables. This service code is then utilized to determine the insurance claim payment for the particular patient service. The claim payment amount is transmitted back to the local entry terminal for use by the service provider and patient. The provider can then prepare an electronic claims form, which is routed to the central brokerage computer which in turn transmits the claim form to the appropriate insurance carrier for processing.

U.S. Patent No. 4,486,624 discloses a micro-processor based mobile radio transceiver for use in a cellular radio-telephone system.

U.S. Patent 4,471,165 discloses a portable telecommunications terminal that includes a telephone headset, keyboard, and display. The keyboard enables the encoding of messages to another terminal. The display provides a display for editing the encoded message prior to transmission and for displaying a message received from another terminal.

U.S. Patent No. 4,456,793 describes a cellular cordless telephone system.

U.S. Patent No. 4,409,470 discloses a portable bar code scanning device.

U.S. Patent No. 4,408,120 discloses a bar code scanning device.

U.S. Patent 4,279,021 discloses a data entry device with a keypad and a plurality of different overlays that cover portions of the keypad and carry an array key labels. The device may also include a display and different overlays that carry legends for the display.

U.S. Patent 4,251,798 discloses a portable laser scanning head for use with a console. The laser scanning head includes an LED display and keypad.

U.S. Patent No. 4,224,615 describes an LCD device with an

integrated capacitive-style touch data input device.

U.S. Patent 4,210,802 describes a bar code scanning device.

U.S. Patent No. 4,143,417 discloses a portable data-gathering apparatus having two modules: a power module and a control module. The power module includes a rechargeable battery, associated power logic, and a memory system. The control module includes a keyboard, display device, bar code scanning probe and microprocessor.

U.S. Patent 4,121,574 describes a method and apparatus for measuring and displaying the vital signs of a patient, including a data gathering acquisition unit operably coupled to a temperature sensing probe and an optical scanner for scanning an alpha-numeric identification bracelet worn by the patient. The data acquisition unit includes a pulse sensor disposed therein. A console is provided having a visual display, a keyboard, and means to display the patient data on the visual display.

U.S. Patent No. 3,826,900 discloses a optical scanning probe for optically reading information from labels affixed to pieces of merchandise. The optically read code is converted into electrical energy and transmitted by a radio transmitter to a local receiver for processing, which is used to control a cash register or sales register or other device.

U.S. Patent 3,685,723 describes a device that scans a document with a light beam to read codes printed on the document.

The product information sheet "Terminal Support Unit" describes the performance features of a terminal support unit for use in the CliniCare system.

The newsletter entitled "The Bedside Story" describes the benefits of the CliniCare System from different studies.

The sheet entitled "Cliniview with Touchscreen" describes a wall mounted LCD display containing an resistive overlay sensor and touch controller.

The article entitled "Bedside Data System Aids Pharmacy" describes a point of care system including a portable hand-held terminal with integral bar code reader and keypad.

The article entitled "Bedside Matters" describes the handheld data entry terminal that is part of the CliniCare Clinical Information System.

The article entitled "Pen Operating Systems " describes several operating systems for pen-based computing devices.

The article entitled "Keyboard-based Organizers" describes several keyboard based organizers.

The article entitled "Mainstream Pen-Based Portables" describes several pen-based portable notebook computers.

The article entitled "Vertical-Market Pen Tablets" describes several pen tablet computers specialized for the collection of field data.

The article entitled "Pen Pals" describes the features of several Personal Digital Assistant (PDA) devices.

The product sheet entitled "CliniView" describes the performance features of a full screen monitor that attaches to a base unit mounted to the wall in a patient's room. The full screen monitor includes a flat panel LCD with an integrated touch screen. View applications are designed around menu selection and/or bar code data entry using either a portable point of care terminal or the integrated touch screen as the input device.

The product information sheet entitled "CliniCom Point of Care Terminal" describes the performance features of a handheld data entry terminal.

The article entitled "Bedside Terminals: CliniCom" describes the CliniCare system and the portable handheld data entry terminal used therein. The portable handheld data entry terminal includes a bar code reader, keypad and small display.

The presentation entitled "Cost Benefit Analysis of the CliniCom handheld Terminal System" describes the portable handheld data entry terminal used in the CliniCare system.

The paper entitled "Qualitative and Quantitative Benefits of the CliniCare Bedside System" describes the CliniCare System and the handheld data terminal used therein.

The sheet entitled "Patient Information at the Point of Care: Cliniview" describes the features of the CliniCare system, including the portable handheld data terminal and the optional full screen wall-mounted LCD monitor.

The article entitled "Travel Laboratories: A Leader in HIBC" describes uses of bar code labels in hospitals.

The article entitled "Bar Code finds identity as user-input alternative" describes bar code reading devices and related software, and the market for such technology.

The product announcement entitled "Databar" describes a wand-style bar code reading device with a keypad and display.

The article entitled "Bar Code Reading for Medical Device Labeling" describes applications of bar code labels in the health care industry.

The article entitled "A uniform labeling system for blood


services" describes a bar code labeling scheme for blood services.

The paper entitled "An integrated hospital computer system" describes a hospital computer system that utilizes a Plessey wand-style bar code reader for data input.

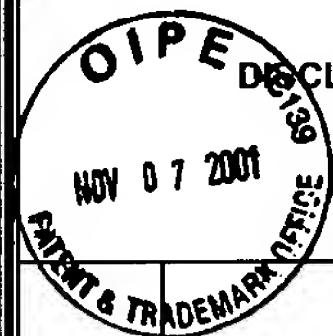
A separate listing of the above references on PTO Form 1449 and a copy of these references are enclosed herewith for the convenience of the Examiner.

Respectfully submitted,

Dated: November 6, 2001


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Substitute for form 1449A/PTO



**INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT**

Sheet **1** of **5**

Complete If Known

Application Number	09/821,761
Filing Date	March 29, 2001
First Name Inventor	Arnulf Simmon and Brett Donahue
Group Art Unit	2123
Examiner Name	not yet assigned
Attorney Docket Number	108-102USANCO

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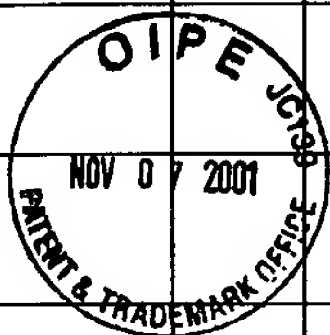
U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Intn'l Class / Sub Class
		Number	Kind Code (if known)			
		5,428,417		Lichtenstein	06/27/1995	G03B 21/00
		5,386,219		Greanias et al.	01/31/1995	G09G 5/00
		5,227,614		Danielson et al.	07/13/1993	G06K 7/10
		5,133,076		Hawkins et al.	07/21/1992	G06F 15/76
		5,067,103		Lapeyre	11/19/1991	G06F 3/023
		5,056,059		Tivig et al.	10/08/1991	G09G 1/00
		5,038,284		Kramer	08/06/1991	G06F 15/20
		5,031,119		Dulaney et al.	07/09/1991	G06F 15/20
		4,916,441		Gombrich	04/10/1990	G06F 15/06
		4,850,009		Zook et al.	07/18/1989	H04M 11/90

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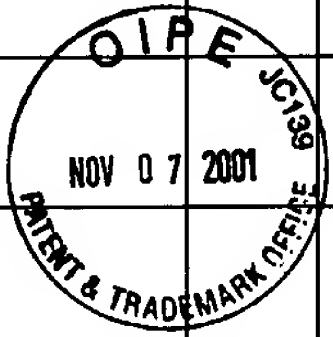
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		Number	Kind Code (if known)			
		4,835,372		Gombrich et al.	05/30/1989	G06E 15/20
		4,773,032		Uehara et al.	09/20/1988	G06F 3/00
		4,763,356		Day, Jr. et al.	08/09/1988	H04M 1/23
		4,625,276		Benton et al.	11/25/1986	G06F 15/30
		4,621,189		Kumar et al.	11/04/1986	G06K 7/10
		4,593,155		Hawkins	06/03/1986	H04Q 7/04
		4,578,571		Williams	03/25/1986	G06K 7/10
		4,575,625		Knowles	03/11/1986	G06K 7/10
		4,570,057		Chadima, Jr. et al.	02/11/1986	G06K 7/10
		4,569,421		Sandstedt	02/11/1986	E04H 3/04
		4,503,288		Kessler	03/05/1985	H04M 11/00
		4,491,725		Pritchard	01/01/1985	G06F 3/00
		4,486,624		Puhl et al.	12/04/1984	H04M 1/00



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U.S. PATENT DOCUMENTS

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		Number	Kind Code (if known)			
		4,471,165		DeFino et al.	09/11/1984	G06F 3/023
		4,456,793		Baker et al.	06/26/1984	H04M 1/72
		4,409,470		Shepard et al.	10/11/1983	G06K 7/10
		4,408,120		Hara et al.	10/04/1983	G06K 7/10
		4,279,021		See et al.	07/14/1981	G06F 15/06
		4,251,798		Swartz et al.	02/17/1981	G06K 9/24
		4,224,615		Penz	09/23/1980	G02F 1/13
		4,210,802		Sakai	07/01/1980	G06K 12/06
		4,143,417		Wald et al.	03/06/1979	G06F 3/06
		4,121,574		Lester	10/24/1978	A61B 5/00
		3,826,900		Moellering	07/30/1974	G06k 7/14
		3,685,723		Berler	08/22/1972	G06k 7/10

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PUBLICATIONS

Examiner Initials	Cite No.	Description
		TERMINAL SUPPORT UNIT (TSU) by CliniCom Inc., Boulder CO, 2000
		THE BEDSIDE STORY by CliniCom, Inc., Boulder CO, 2000
		CLINIVIEW WITH TOUCHSCREEN by CliniCom Inc., Boulder CO, 2000
		BEDSIDE DATA SYSTEM AIDS PHARMACY by Karen Gammon, et. al., Boulder Memorial Hospital, Boulder CO, 2000, p. 35-37
		BEDSIDE MATTERS. by CliniCom Incorporated, Boulder CO, 2000
		PEN OPERATING SYSTEMS by Bruce Brown, PC Magazine, 1993, p. 172
		KEYBOARD-BASED ORGANIZERS by Jeff Greenberg, PC MAGAZINE, 1993, p. 166-167
		MAINSTREAM PEN-BASED PORTABLES by Don Crabb, PC MAGAZINE, 1993, p. 144-145
		VERTICAL-MARKET PEN TABLETS by Don Crabb, PC MAGAZINE, 1993, p. 157
		PEN PALS by Christopher Barr and Michael Neubarth, PC Magazine, 1993
		CLINIVIEW by CliniCom Inc., Boulder CO, 1989
		POINT OF CARE TERMINAL by CliniCom Inc., Boulder CO, 1988
		BEDSIDE TERMINALS: CLINICOM by Shirley Hughes, M.D. Computing, Vol. 5, No. 1, 1988



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PUBLICATIONS		
Examiner Initials	Cite No.	Description
		COST BENEFIT ANALYSIS OF THE CLINICARE HANDHELD TERMINAL SYSTEM by Shirley Hughes, et. al., CliniCom Incorporated, 1987
		QUALITATIVE & QUANTITATIVE BENEFITS OF THE CLINICARE BEDSIDE SYSTEM BY CLINICOM, by Ray Uhlorn, et. al., CliniCom, Inc., Boulder CO, 1987
		PATIENT INFORMATION AT THE POINT-OF-CARE by CliniCom, Inc., Boulder CO, 1987
		TRAVENOL LABORATORIES: A LEADER IN HIBC by Peter C. Doyle, BAR CODE NEWS, 1986
		BAR CODE FINDS IDENTITY AS USER INPUT ALTERNATIVE by Ron Schneiderman, News Views, 1985
		DATABAR by Databar Corporation, 1984
		BAR CODING FOR MEDICAL DEVICE LABELING by Richard Fard, MG & DI, 1983
		A UNIFORM LABELING SYSTEM FOR BLOOD SERVICES by Richard C. Hubbell, et. al., Medical Instrumentation, Vol. 15, No. 1, 1981
		AN INTEGRATED HOSPITAL COMPUTER SYSTEM by B.A.W. Stobart, et. al., Systems Technology, No. 30, 1978

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is inconformance with MPEP 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to applicant.

(INFORMATION DISCLOSURE STATEMENT – SECTION 9 PTO-1449)